2008
Annual Drinking Water Quality Report

Inman Utilities, ID# 0080022
Charles County, Maryland

We are pleased to present this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality of the water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring that the quality of your water meets all local, State, and Federal standards and regulations.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as people with cancer undergoing chemotherapy, people who have undergone organ transplants, people with HIV/AIDS, or other immune system disorders – some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on approximate means to lessen the risk of infection by microbial contaminants are available from the safe drinking water hot line at 1-800-426-4791.

The source of the drinking water for your system is the Patapsco Aquifer. An aquifer is a sort of underground reservoir or deposit of water, that is tapped by drilling wells and pumping the water to the surface for distribution. The earth between the surface (where sources of contamination occur) and this underground aquifer help to purify the water before it actually reaches the aquifer. This makes it easier for us to treat the water supply before we pump it into your water distribution system.

We are pleased to report that the drinking water in your system is safe and meets Federal and State requirements. The following report is provided in compliance with Federal regulations and will be provided annually. This rep;ort outlines the quality of our finished drinking water and what that quality means. If you have any questions concening this report or any asect of your water utility, please contact Ryland Hock at 301-934-1856.

Ryland Hock routinely monitors the Inman Utilities community water system for contaminants in your drinking water according to Federal and State laws. The table on the following pages show the results or our monitoring for the period of January 1 thru December 31, 2008. As water travels over the land or underground, it can pick up substances. All drinking water, included bottled drinking water, may be reasonably expected to contain at least small amount of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health risk.

Definitions

In this report, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Water Quality Data Chart for 2008					
Substance	Unit	MCL highest level allowed	MCLG EPA Goal	Level Detected	Major Source
Microbiological Contaminants					
Total Coliform Bacteria	Sample	O Positive Per Month	O Positive	O Positive	Naturally present in the environment
Inorganic Contaminants					
Nitrate	Mg/L	10	10	<1	Runoff from fertilizer use. Leaching from septic tanks. Sewage.
Antimony	Mg/L	6	6	< .005	Discharge from petroleum refineries. Fire retardants, ceramics, electronics, solder.
Arsenic	Mg/L	10	0	< .002	Erosion of natural deposits. Runoff from orchards. Runoff from glass and electronics production waste.
Barium	Mg/L	2	2	< .005	Discharge of drilling waste. Discharge from metal refineries. Erosion of natural deposits.
Beryllium	Mg/L	4	4	< .0005	Discharge from metal refineries and coal-burning factories.
Cadmium	Mg/L	5	5	< .0005	Corrosion of galvanized pipes. Erosion of natural deposits. Discharge from metal refineries.
Chromium	Mg/L	100	100	< .002	Discharge from steel and pulp mills. Erosion of natural deposits.
Fluoride	Mg/L	4	4	0.7	Erosion of natural deposits. Water additive which supports strong teeth. Discharge from fertilizer factories.
Mercury	Mg/L	2	2	< .0005	Erosion of natural deposits. Discharge from refineries and factories Runoff from landfills and cropland.
Nickel	Mg/L	N/A	0.1	< .002	Erosion of natural deposits as ores containing other elements. Used in making stainless steel and other alloys.
Selenium	Mg/L	50	50	< .005	Discharge from petroleum and metal refineries. Erosion of natural deposits. Discharge from mines.
Thallium	Mg/L	2	0.5	< .002	Leaching from ore processing sites. Discharge from electronics, glass and drug factories.
Disinfectant Byproducts					
Total Trihalomethanes	Mg/L	0.08	N/A	0	Byproduct of drinking water disinfection
Haloacetic Acid	Mg/L	0.06	N/A	0	Byproduct of drinking water disinfection
Lead and Copper in distribution system, MCL determined in the 90th percentile					
Lead	Mg/L	0.02	N/A	0	Corrosion of household plumbing system. Erosion of of natural deposits.
Copper	Mg/L	1.3	N/A	0.12	Corrosion of household plumbing system. Erosion of of natural deposits. Leach from wood preservatives.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water including bottled water may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the E.P.A. Safe Water Hot line at 1-800-426-4791. The presence of some contaminants in drinking water is unavoidable, but we make every effort to keep our water at or below the levels specified by law as being safe for consumption. Your water system is operated by a licensed operator who is trained to provide you with the best quality water possible. All customers are urged to participate in protecting this valuable resource and practice conservation to ensure a sustainable water supply for our community.